

TECHNICAL REPORT

IEC TR 60825-5

Second edition
2003-06

Safety of laser products –

Part 5: Manufacturer's checklist for IEC 60825-1

Sécurité des appareils à laser –

Partie 5: Liste de contrôle du fabricant relative à la CEI 60825-1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF LASER PRODUCTS –

Part 5: Manufacturer's checklist for IEC 60825-1

FOREWORD

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IEC 60825-5, which is a technical report, has been prepared by IEC technical committee 76: Optical radiation safety and laser equipment.

This second edition of IEC 60825-5 cancels and replaces the first edition published in 1998 and constitutes a technical revision.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
76/244/DTR	76/262/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

SAFETY OF LASER PRODUCTS –

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SECTION ONE – GENERAL

NOTE Numbers shown in parenthesis refer to the relevant clause in IEC 60825-1.

1 Scope (1.1)

This technical report is applicable to laser products as described in IEC 60825-1.

2 Object (1.2)

The checklist is intended for use by manufacturers of laser products and their agents to establish that each new or modified design complies with the requirements of IEC 60825-1: 1993 and its amendments 1 and 2. The checklist is not a substitute for IEC 60825-1. It is necessary to use IEC 60825-1 in conjunction with the checklist, as relevant clauses and subclauses are referred to in the text.

The layout of the checklist is intended only as a guide. Manufacturers and examiners are encouraged to produce their own document, omitting questions and clauses that are not relevant to the types of product under examination, but noting in the appropriate positions the numbers of such clauses stating, for example: "subclause 4.3.2: Question omitted – not applicable".

The manufacturer should ensure that the examiner is a person competent in the inspection and classification of laser products.

3 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60825-1:1993, *Safety of laser products – Part 1: Equipment classification, requirements and user's guide* ¹⁾
Amendment 1 (1997)
Amendment 2 (2001)

¹⁾ A consolidated edition of IEC 60825-1 exists consisting of edition 1 (1993) and its Amendments 1 (1997) and 2 (2001).